

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.  
WASHINGTON, D.C. 20460

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## DATA MATRIX

Date February 23, 2012

EPA Reg. No./File Symbol 58035-XX

Page 1 of 5

Applicant's/Registrant's Name &amp; Address

Cennard, Inc.  
P.O. Box 2404  
Gastonia, NC 28053

Product

Fog Force Max

Ingredient Methyl anthranilate CAS No. 134-20-3

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
<b>Product Specific Data Requirements</b>					
880.1100	Product Identity and Composition	42608801, 42699801	Ceannard, Inc.	OWN	
880.1200	Description of Starting Materials Used to Produce the Product, Production and Formulation Process	42608801, 42699801	Ceannard, Inc.	OWN	
880.1400	Discussion of Formation of Impurities	42608801, 42699801	Ceannard, Inc.	OWN	
830.1700	Preliminary Analysis	42608801, 42699801			
830.1750	Certified Limits	42699801	Ceannard, Inc.	OWN	
830.1800	Enforcement Analytical Method	42699801	Ceannard, Inc.	OWN	
830.6302	Color	42608801, 42699801			Not required <sup>1</sup>
830.6303	Physical State	42608801, 42699801	Ceannard, Inc.	OWN	
830.6304	Odor	42608801, 42699801			Not required <sup>1</sup>
830.6313	Stability to Normal and Elevated Temperatures, Metals, and Metal Ions				Not required <sup>1</sup>
830.6314	Oxidation/Reduction: Chemical Incompatibility	42608801	Ceannard, Inc.	OWN	
830.6315	Flammability	42608801, 42699801	Ceannard, Inc.	OWN	Waived <sup>3</sup>
830.6316	Explosibility	42608801, 42699801	Ceannard, Inc.	OWN	Waived <sup>4</sup>

Signature



Name and Title

P. Leanne Pruett, Consultant

Date

Feb. 23, 2012

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Applicant's/Registrant's Name & Address Cennard, Inc. P.O. Box 2404 Gastonia, NC 28053	Product Fog Force Max	

Ingredient Methyl anthranilate CAS No. 134-20-3

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6317	Storage Stability	43036901	Ceannard, Inc.	OWN	
830.6319	Miscibility	42608801, 42699801	Ceannard, Inc.	OWN	Waived <sup>5</sup>
830.6320	Corrosion Characteristics	43036901	Ceannard, Inc.	OWN	
830.6321	Dielectric Breakdown Voltage	42608801, 42699801	Ceannard, Inc.	OWN	
830.7000	pH	42608801, 42699801	Ceannard, Inc.	OWN	Waived <sup>6</sup>
830.7050	UV/Visible				Not required <sup>1</sup>
830.7100	Viscosity	42608801, 42699801	Ceannard, Inc.	OWN	
830.7200	Melting Point/Melting Range				Not required <sup>1</sup>
830.7220	Boiling Point/Boiling Range				Not required <sup>1</sup>
830.7300	Density/Relative Density/Bulk Density	42608801, 42699801	Ceannard, Inc.	OWN	
830.7370	Dissociation Constant				Not required <sup>1</sup>
830.7520	Particle size, fiber length, and diameter distribution				Not required <sup>1</sup>
830.7550	Partition Coefficient (n-octanol/water), Shake Flask Method				Not required <sup>1</sup>
830.7560	Partition Coefficient (n-octanol/water), Generator Column Method				See 830.7560

Signature 	Name and Title P. Leanne Pruett, Consultant	Date Feb. 23, 2012
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Applicant's/Registrant's Name & Address Cennard, Inc. P.O. Box 2404 Gastonia, NC 28053		Product Fog Force Max			
Ingredient Methyl anthranilate CAS No. 134-20-3					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7570	Partition Coefficient (n-octanol/water), Estimation by Liquid Chromatography				See 830.7560
830.7840	Water Solubility: Column Elution Method; Shake Flask Method				Not required <sup>1</sup>
830.7860	Water Solubility, Generator Column Method				See 830.7840
830.7950	Vapor Pressure				Not required <sup>1</sup>
870.1100	Acute Oral Toxicity: Rat	42608802, 43256501	Ceannard, Inc.	OWN	
870.1200	Acute Dermal Toxicity: Rat	42608803, 43256502	Ceannard, Inc.	OWN	
870.1300	Acute Inhalation Toxicity: Rat		Ceannard, Inc.	OWN	Waived <sup>7</sup>
870.2400	Primary Eye Irritation: Rabbit	42608804, 43256503	Ceannard, Inc.	OWN	
870.2500	Primary Dermal Irritation	42608805, 43256514	Ceannard, Inc.	OWN	
870.2600	Dermal Sensitization	42608806, 43256515	Ceannard, Inc.	OWN	
None	Hypersensitivity incidents				To be reported as incidents arise.
Signature 			Name and Title P. Leanne Pruett, Consultant		Date Feb. 23, 2012

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Applicant's/Registrant's Name & Address Cennard, Inc. P.O. Box 2404 Gastonia, NC 28053	Product Fog Force Max	

Ingredient Methyl anthranilate CAS No. 134-20-3

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
96-6	Efficacy <i>58035-7 EP</i>	45088601, 45088602 45237501, 44584301 44584302, 44584303	Ceannard, Inc	OWN	
<b>Generic Data Requirements</b>					
860.1300	Nature of the Residue				Waived <sup>2</sup>
860.1400/1500	Magnitude of the Residue				Waived <sup>2</sup>
850.2100	Acute Avian Oral Toxicity: Quail or Duck	42608807, 43610701	Ceannard, Inc	OWN	
850.2200	Acute Avian Dietary Toxicity: Duck	42608808, 43304101	Ceannard, Inc	OWN	
850.1075	Fish Toxicity: Bluegill	42699802, 42718202 43610702	Ceannard, Inc	OWN	
850.1075	Fish Toxicity: Trout	42699802, 43610703	Ceannard, Inc	OWN	
850.1075	Fish Toxicity: Channel Catfish	42699803	Ceannard, Inc	OWN	
850.1010	Freshwater Invertebrate Toxicity	42718203, 43304102	Ceannard, Inc	OWN	
850.4000	Nontarget plant studies	47084401	Ceannard, Inc	OWN	Waived
None	Nontarget Insect testing	43610704	Ceannard, Inc	OWN	
161-1/155-9	Hydrolysis	43055601	Ceannard, Inc	OWN	


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Ingredient Methyl anthranilate CAS No. 134-20-3					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
161-2/155-13	Photodegradation in water	43055601 42718201	Ceannard, Inc	OWN	
162-1/155-10	Aerobic soil metabolism	42999506	Ceannard, Inc	OWN	
162-3/155-11	Aerobic aquatic metabolism	42999506	Ceannard, Inc	OWN	
162-4/155-10	Aerobic aquatic soil metabolism	43055601 42999506	Ceannard, Inc	OWN	
164-2	Aquatic/Sediment Field Dissipation Study	44324301 45210201 45210202 45229701	Ceannard, Inc	OWN	
None	Ecotoxicity, Environmental Fate and Residue Exposure Discussion	48726701	Ceannard, Inc.	OWN	
Signature 			Name and Title P. Leanne Pruett, Consultant		Date Feb. 23, 2012

## Endnotes for Data Matrix for Fog Force Max

February 23, 2012

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- <sup>1</sup> **830.6302, 830.6304, 830.6313, 830.6319, 830.7050, 830.7200, 830.7220, 830.7370, 830.7520, 830.7550, 830.7560, 830.7570, 830.7840, 830.7860 and 830.7950** – Per OPPTS 830.1000, these data are not required for the registration of an end-use product.
- <sup>2</sup> **860.1300, 860.1400, 860.1500** - Methyl anthranilate, as a biochemical pesticide, has been determined to be a generally recognized as safe material. Based on an assessment of its toxicity data and potential exposure to humans from residues in food and drinking water, EPA has established exemptions for the requirement of tolerances in or on all food commodities. Refs.: Federal Register, **61** (152) 51083. August 7, 2002, and 40 CFR Part 180.1143.
- <sup>3</sup> **830.6315** – This product is made up of 100% Rejex-it MA (Technical Methyl Anthranilate). Rejex-it MA requested and was granted a waiver for flammability because the product does not contain combustible liquids
- <sup>4</sup> **830.6316** – This product is made up of 100% Rejex-it MA (Technical Methyl Anthranilate). Rejex-it MA requested and was granted a waiver for explodability because the flash point is over 248° F
- <sup>5</sup> **830.6319** – This product is made up of 100% Rejex-it MA (Technical Methyl Anthranilate). Rejex-it MA requested and was granted a waiver for miscibility because the product is not an emulsifiable liquid which is to be diluted with petroleum solvents
- <sup>6</sup> **830.7000** - This product is made up of 100% Rejex-it MA (Technical Methyl Anthranilate). Rejex-it MA requested and was granted a waiver for pH because all mammalian toxicity categories are either III or IV
- <sup>7</sup> **870.1300** - This product is made up of 100% Rejex-it MA (Technical Methyl Anthranilate). Rejex-it MA requested and was granted a waiver for acute inhalation toxicity because pulmonary exposure will not result at a toxic concentration.

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Ingredient Methyl anthranilate CAS No. 134-20-3					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Ceannard, Inc.	OWN	
			Ceannard, Inc.	OWN	
			Ceannard, Inc.	OWN	
			Ceannard, Inc.	OWN	
			Ceannard, Inc.	OWN	
			Ceannard, Inc.	OWN	
					Not required <sup>1</sup>
			Ceannard, Inc.	OWN	
					Not required <sup>1</sup>
					Not required <sup>1</sup>
			Ceannard, Inc.	OWN	
			Ceannard, Inc.	OWN	Waived <sup>3</sup>
Ceannard, Inc.	OWN	Waived <sup>4</sup>			
Signature			Name and Title		Date
			P. Leanne Pruett, Consultant		Feb. 23, 2012

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Ceannard, Inc.	OWN	
			Ceannard, Inc.	OWN	Waived <sup>5</sup>
			Ceannard, Inc.	OWN	
			Ceannard, Inc.	OWN	
			Ceannard, Inc.	OWN	Waived <sup>6</sup>
					Not required <sup>1</sup>
			Ceannard, Inc.	OWN	
					Not required <sup>1</sup>
					Not required <sup>1</sup>
			Ceannard, Inc.	OWN	
					Not required <sup>1</sup>
					Not required <sup>1</sup>
					Not required <sup>1</sup>
		See 830.7560			
Signature 			Name and Title P. Leanne Pruett, Consultant		Date Feb. 23, 2012




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Ingredient Methyl anthranilate CAS No. 134-20-3					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
					See 830.7560
					Not required <sup>1</sup>
					See 830.7840
					Not required <sup>1</sup>
			Ceannard, Inc.	OWN	
			Ceannard, Inc.	OWN	
			Ceannard, Inc.	OWN	Waived <sup>7</sup>
			Ceannard, Inc.	OWN	
			Ceannard, Inc.	OWN	
			Ceannard, Inc.	OWN	
					To be reported as incidents arise.
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Ingredient Methyl anthranilate CAS No. 134-20-3

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			Ceannard, Inc	OWN	
					Waived <sup>2</sup>
					Waived <sup>2</sup>
			Ceannard, Inc	OWN	
			Ceannard, Inc	OWN	
			Ceannard, Inc	OWN	
			Ceannard, Inc	OWN	
			Ceannard, Inc	OWN	
			Ceannard, Inc	OWN	
			Ceannard, Inc	OWN	
			Ceannard, Inc	OWN	Waived
			Ceannard, Inc	OWN	
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Signature			Name and Title		Date
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			Ceannard, Inc	OWN	
			Ceannard, Inc	OWN	
			Ceannard, Inc.	OWN	
Signature			Name and Title		Date
			P. Leanne Pruett, Consultant		Feb. 23, 2012

## Endnotes for Data Matrix for Fog Force Max

February 23, 2012

<sup>1</sup> **830.6302, 830.6304, 830.6313, 830.6319, 830.7050, 830.7200, 830.7220, 830.7370, 830.7520, 830.7550, 830.7560, 830.7570, 830.7840, 830.7860 and 830.7950** – Per OPPTS 830.1000, these data are not required for the registration of an end-use product.

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<sup>3</sup> **830.6315** – This product is made up of [REDACTED] requested and was granted a waiver for flammability because the product does not contain combustible liquids

<sup>4</sup> **830.6316** – This product is made up of [REDACTED] requested and was granted a waiver for explodability because the flash point is over 248° F

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